

## WHEEL POLISHING DEVICE

### ABSTRACT OF THE DISCLOSURE

A device for finishing workpieces, such as automobile wheels. The device includes a bowl assembly containing polishing media therein, and a drive assembly including a rotatable turret which carries the wheels thereon so that same are orbitally driven through the polishing media. A cam arrangement is provided which essentially continuously adjusts the angle of the wheels relative to the polishing media by pivoting the wheels about respective vertical axes. The device is additionally provided with a vertical drive assembly which allows vertical oscillation of the wheels relative to the media, and the polishing device also permits adjustment of the pitch or rake angle of the wheels relative to the horizontal.